

FIG. 1A

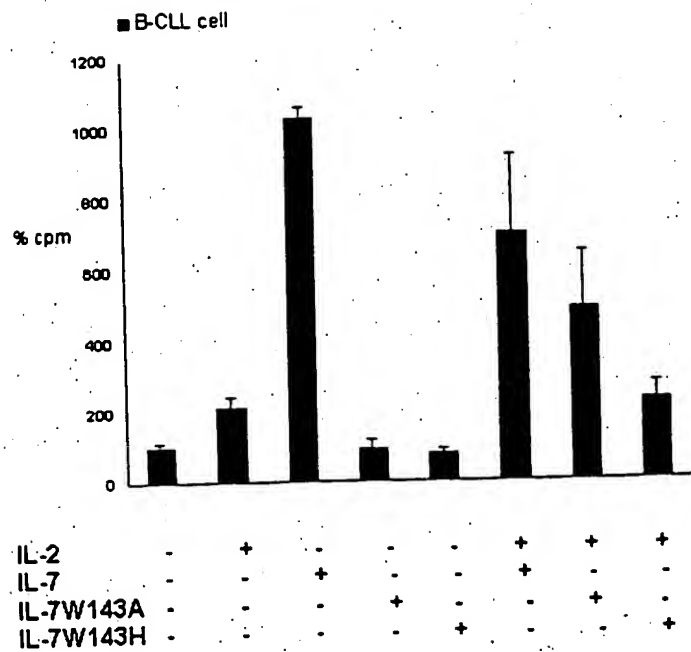
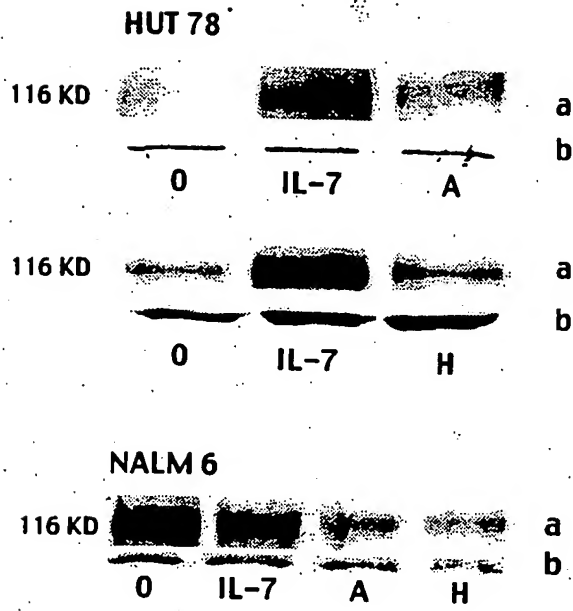
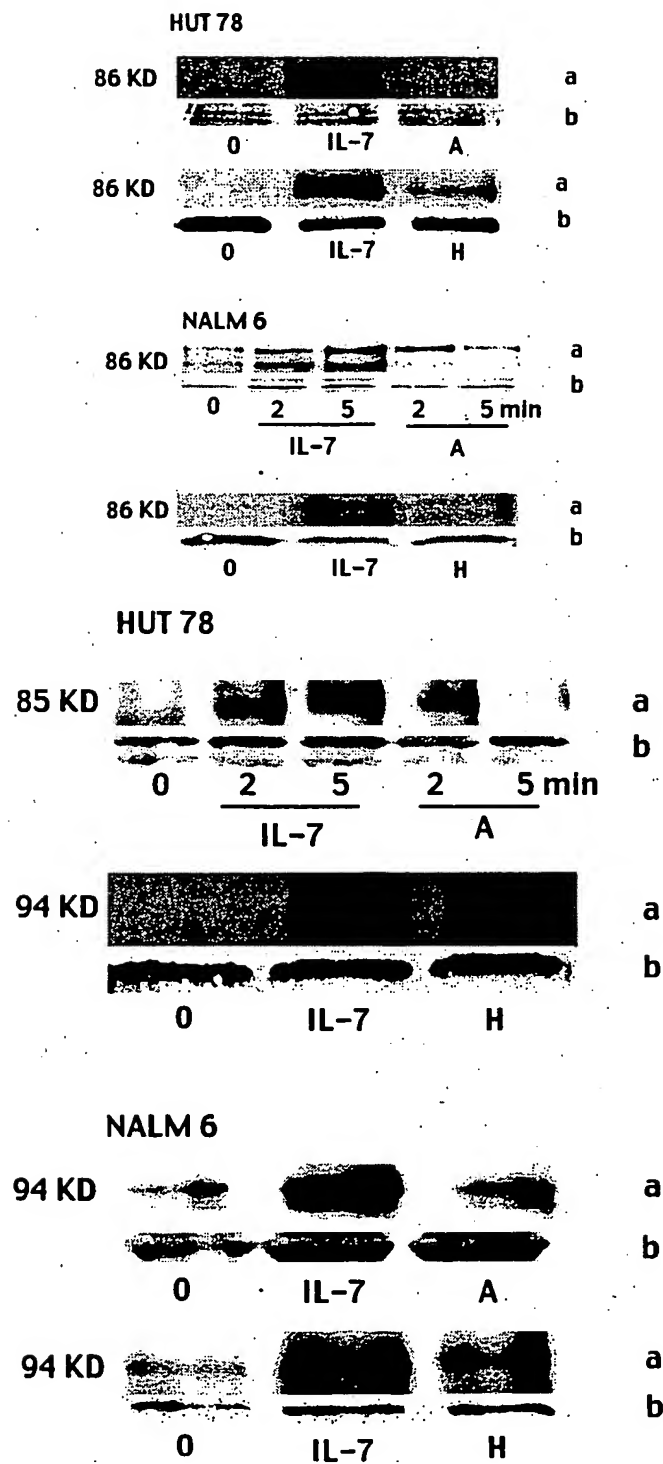


FIG. 1B



**FIG. 2**



**FIG. 3**

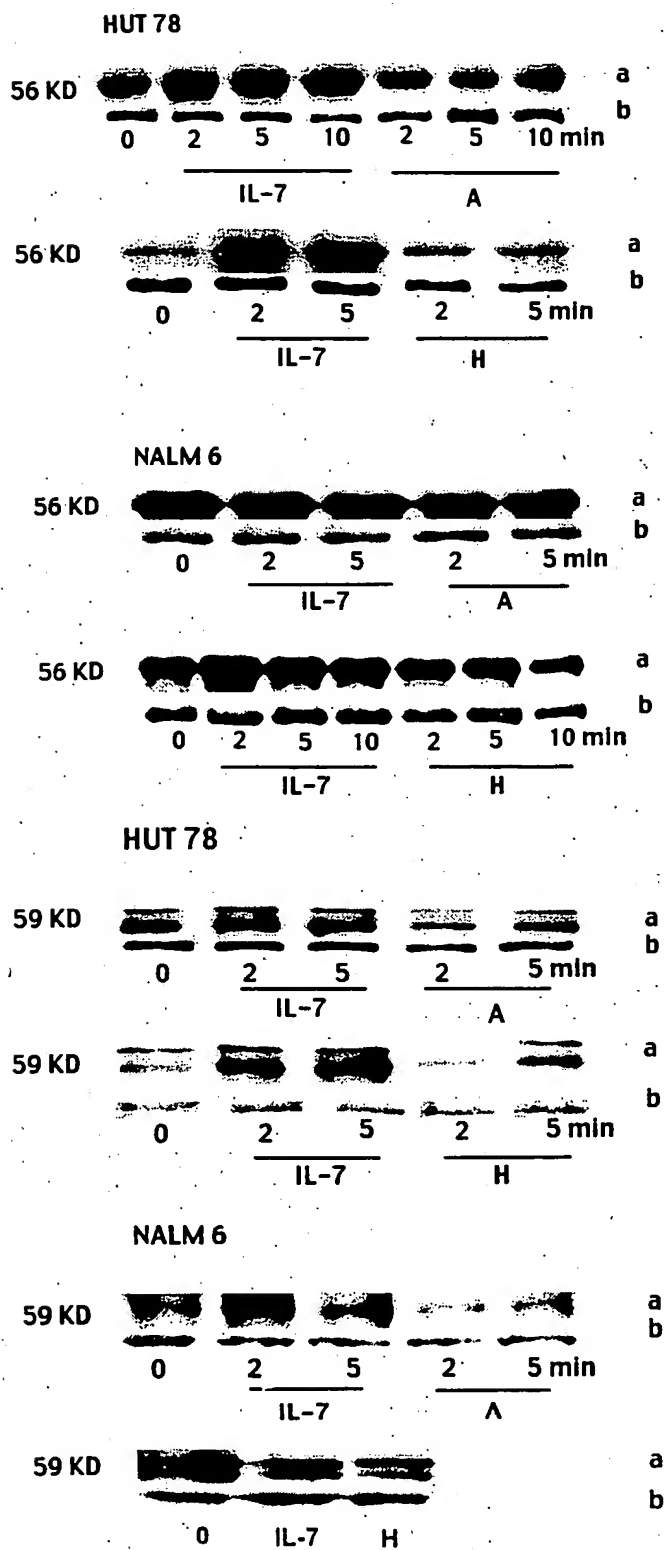


FIG. 4

1 mfhvsfryif glpplilvll pvasscdie gkdgkqyesv lmvsidqlld smkeigsnc1  
61 nnefnffkrh icdankegmf lfraarklrq flkmnstgdf dlhllkvseg ttillnctgq  
121 vkgrkpaalg eaqptkslee nkslkeqkkl ndlcflkrll geiktcwnki lmgtkkeh

**FIG. 5**

	HUT78			NALM6		
	Native IL-7	IL7W143A	IL-7W143H	Native IL-7	IL-7W143A	IL-7W143H
p116 <sup>Jak3</sup>	7.7	1.3	1.8	1.1	0.4	0.2
p86 <sup>STAT3</sup>	6.2	0.7	1.3	3.8	1.1	1.3
p85-94 <sup>STAT3</sup>	5.1	1.92	2.2	7.1	1.2	1.6
p56 <sup>ckc</sup>	1.5	0.8	0.2	1.06	1.03	0.8
p59 <sup>lyn</sup>	3.1	0.8	0.7	2.96	0.54	1.04

**FIG 6**